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4 March 2004

INTELLECTUAL PROPERTY LAW

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- ☐ U.S. Postal Service
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☐ Please Acknowledge Receipt

Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Inventor: 1) SU-JIN HAN 2) CHANG-SEOB KIM
 3) YOON-TAI KWAK 4) SOO-YOUN MAENG
 5) JU-HYUNG KIM

Title: SECONDARY BATTERY

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Assignment, Information Disclosure Statement and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 7 sheets, Figures 1 through 10

Claim of priority under 35 U.S.C. §119: **YES**

** The Republic of Korean Application No. 2003-32251 filed on 21 May 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45374 & #45375)

Basic Fee \$385/770 **\$770.00**

Additional Fees:

Total number of claims in excess of 20: 17 times \$9/18 **\$306.00**

Number of independent claims in excess of 3: times \$43/86 **\$0.00**

Multiple Dependent Claims \$145/290 **\$0.00**

An Assignment is likewise enclosed: Recording Fee \$40 **\$40.00**

Filing Non-English specification **\$0.00**

TOTAL FEES FOR THE ABOVE APPLICATION **\$1,116.00**



13281 U.S. PTO



Inventor: 1) SU-JIN HAN 2) CHANG-SEOB KIM
 3) YOON-TAI KWAK 4) SOO-YOUN MAENG
 5) JU-HYUNG KIM

Title: SECONDARY BATTERY

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
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Attorney for the Applicant
1522 K Street, N.W.
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REB/rfc

030404

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	to be assigned
Filing Date	4 March 2004
First Named Inventor	SU-JIN HAN
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT (\$)**1,116.00**

Attorney Docket No. P57016

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: **02-4943**
Deposit Account Number:

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:
(CHECK #45374 & #45375)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$ 770.00
1002	340	2002	170	Design filing fee	\$
1003	530	2003	265	Plant filing fee	\$
1004	770	2004	385	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$ 770.00)

2. EXTRA CLAIM FEES

			Extra Claims		Fee from below		Fee Paid
Total claims	37	-20** =	17	x	18.00	=	306.00
Independent Claims	3	-3** =	0	x	86.00	=	0.00

Multiple Dependent =

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	86	2201	43	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 306.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

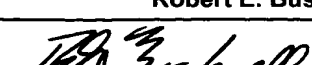
Large Entity	Small Entity				Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1051	130	2051	65		Surcharge-late filing fee or oath	\$
1052	50	2052	25		Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130		Non-English specification	\$
1812	2,520	1812	2,520		For filing a request for reexamination	\$
1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action	\$
1805	1,840 *	1805	1,840*		Requesting publication of SIR after Examiner action	\$
1251	110	2251	55		Extension for reply within first month	\$
1252	420	2252	210		Extension for reply within second month	\$
1253	950	2253	475		Extension for reply within third month	\$
1254	1,480	2254	740		Extension for reply within fourth month	\$
1255	2,010	2255	1,005		Extension for reply within fifth month	\$
1401	330	2401	165		Notice of Appeal	\$
1402	330	2402	165		Filing a brief in support of an appeal	\$
1403	290	2403	145		Request for oral hearing	\$
1451	1,510	1451	1,510		Petition to institute a public use proceeding	\$
1452	110	2452	55		Petition to revive - unavoidable	\$
1453	1,330	2453	665		Petition to revive - unintentional	\$
1501	1,330	2501	665		Utility issue fee (or reissue)	\$
1502	480	2502	240		Design issue fee	\$
1503	640	2503	320		Plant issue fee	\$
1460	130	1460	130		Petitions to the Commissioner	\$
1807	50	1807	50		Processing fee for provisional applications	\$
1806	180	1806	180		Submission of Information Disclosure Statement	\$
8021	40	8021	40		Recording each patent assignment per property (Times number of properties)	\$ 40.00
1809	770	2809	385		Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	770	2810	385		For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	770	2801	385		Request for Continued Examination (RCE)	\$
					Other Fee (specify)	\$
					Other Fee (specify)	\$

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 40.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	4 March 2004
		Deposit Account User ID	

REB/rfc

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SU-JIN HAN et al.

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 4 March 2004

Art Unit: *to be assigned*

For: SECONDARY BATTERY

TRANSMITTAL OF DECLARATION

Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.
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(202) 408-9040

Folio: P57016
Date: 4 March 2004
I.D.: REB/rfc